

Title (en)

GAS TURBINE ENGINE WITH COMPLIANT LAYER FOR TURBINE SHROUD MOUNTS

Title (de)

GASTURBINENMOTOR MIT NACHGIEBIGER SCHICHT FÜR TURBINENMANTELBEFESTIGUNGEN

Title (fr)

MOTEUR À TURBINE À GAZ AVEC COUCHE COMPATIBLE POUR DES MONTANTS DES FIXATION DE LA VIROLE DE TURBINE

Publication

**EP 3216986 A1 20170913 (EN)**

Application

**EP 17158171 A 20170227**

Priority

US 201615065256 A 20160309

Abstract (en)

A turbine shroud for use in a gas turbine engine includes a carrier, a blade track segment, and a load-distribution system. The carrier is arranged around a central axis of the turbine shroud. The blade track segment is configured to be supported by the carrier. The load-distribution system is positioned between the carrier and the blade track segment to distribute loads transmitted between the carrier and the blade track segment.

IPC 8 full level

**F01D 11/02** (2006.01); **F01D 11/22** (2006.01)

CPC (source: EP US)

**F01D 11/025** (2013.01 - EP US); **F01D 11/08** (2013.01 - US); **F01D 11/20** (2013.01 - US); **F01D 11/22** (2013.01 - EP US); **F05D 2220/323** (2013.01 - US); **F05D 2240/11** (2013.01 - EP US); **F05D 2260/38** (2013.01 - EP US); **F05D 2300/501** (2013.01 - US); **F05D 2300/6033** (2013.01 - US); **Y02T 50/60** (2013.01 - EP US)

Citation (search report)

- [X1] US 2006067815 A1 20060330 - GHASRIPOOR FARSHAD [US], et al
- [A] US 2004188947 A1 20040930 - PAPROTNA HUBERTUS EDWARD [US]
- [A] DE 102008007321 A1 20090813 - MTU AERO ENGINES GMBH [DE]
- [A] EP 2960440 A1 20151230 - ROLLS ROYCE CORP [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3216986 A1 20170913**; **EP 3216986 B1 20190102**; CA 2957229 A1 20170909; US 10294809 B2 20190521; US 2017260869 A1 20170914

DOCDB simple family (application)

**EP 17158171 A 20170227**; CA 2957229 A 20170207; US 201615065256 A 20160309